DUEZOSZ.OSIZED

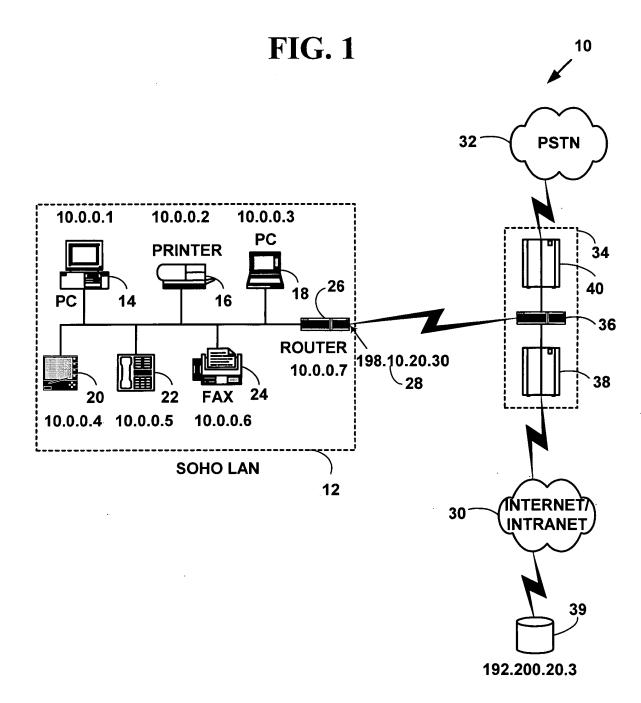
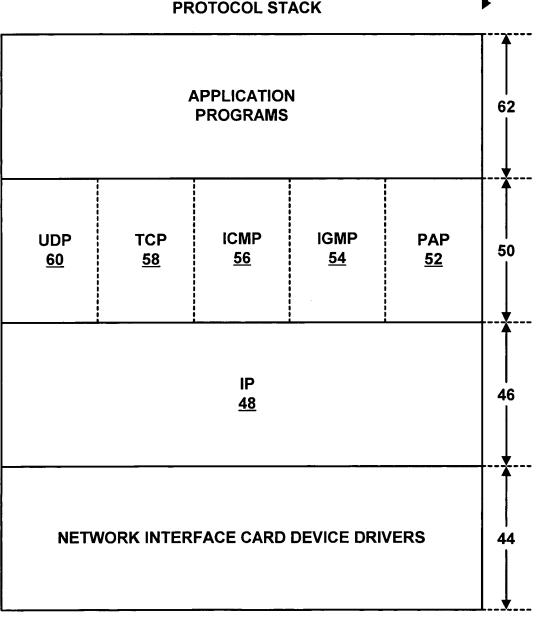


FIG. 2
PROTOCOL STACK



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DRAFTSMAN

0.G. FIG. CLASS

SUBCLASS

FIG. 3

PORT ALLOCATION PROTOCOL (PAP)

PAP REQUEST MESSAGE

PAP SECURITY **REQUEST MESSAGE**

PAP RESPONSE MESSAGE

PAP SECURITY **RESPONSE MESSAGE**

PAP INVALIDATE MESSAGE

PAP SECURITY INVALIDATE MESSAGE

COMBINATION NETWORK ADDRESS (COMMON EXTERNAL **NETWORK ADDRESS/LOCALLY UNIQUE PORT)**

66

64

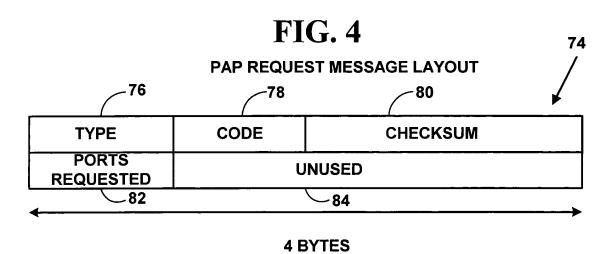
68

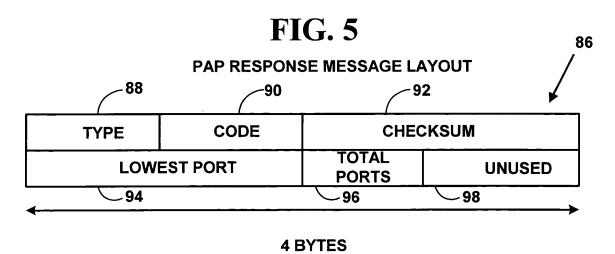
67

68

70

71





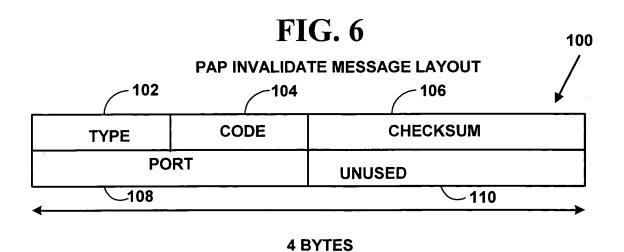
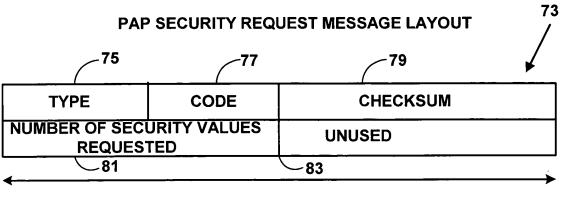
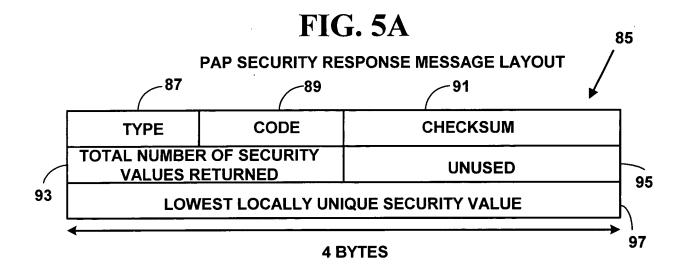
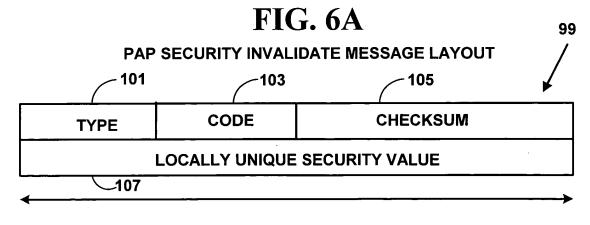


FIG. 4A

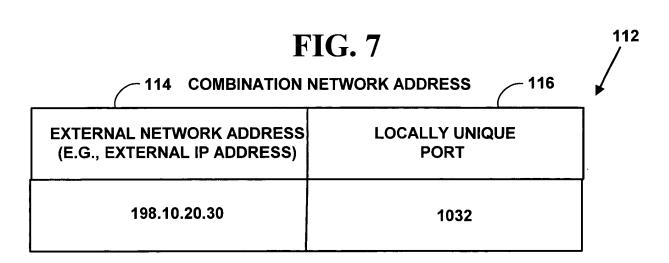


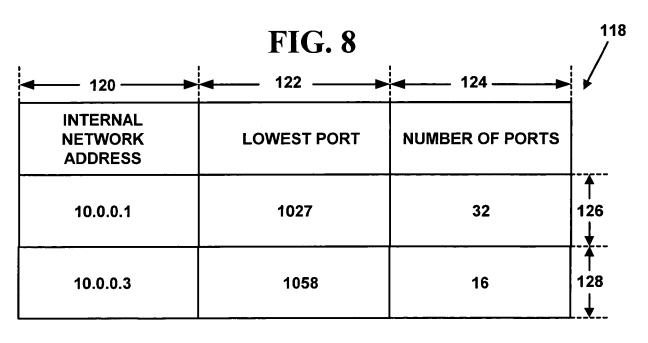
4 BYTES



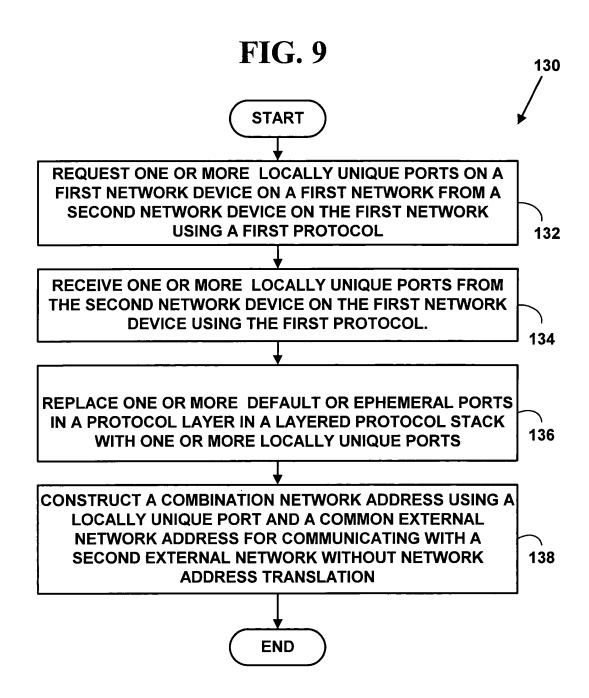


4 BYTES

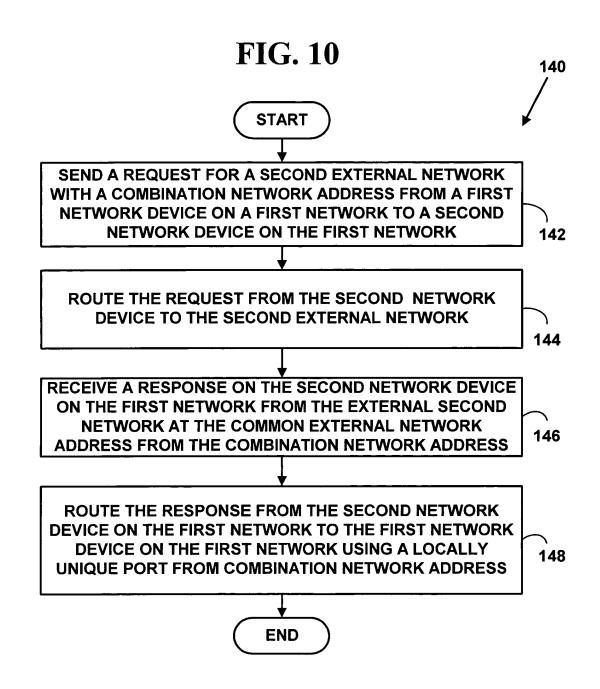


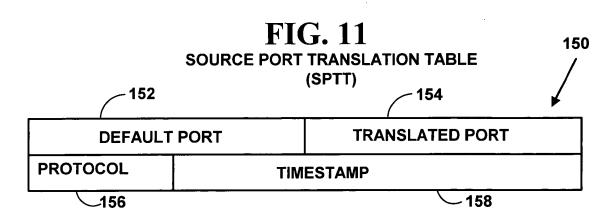


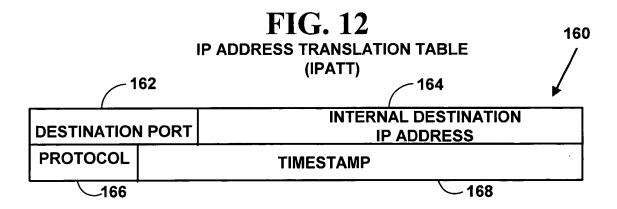
PORT-TO-INTERNAL-NETWORK ADDRESS TABLE

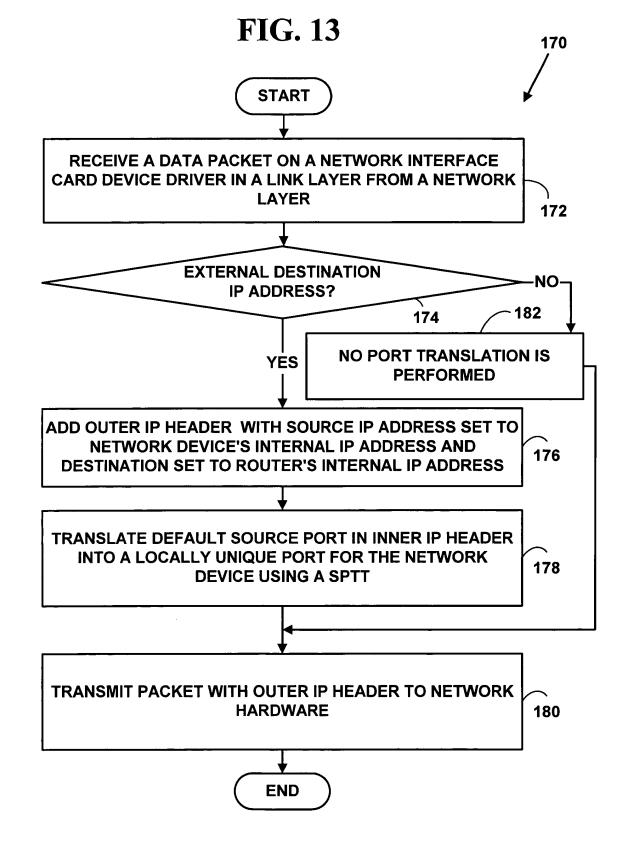


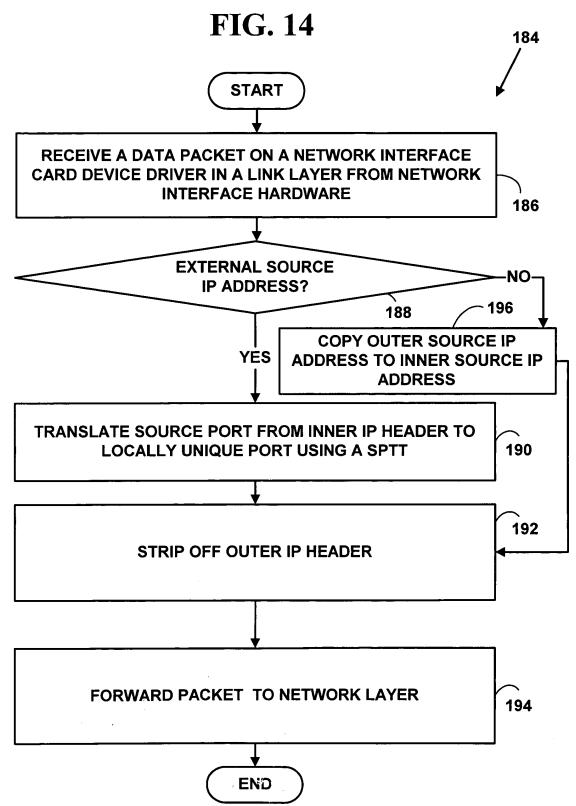
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		











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SUBCLASS

FIG. 15

IP HEADER FORMAT

200	
/	

VER 202	IHL 204	TOS 206	TOTAL LENGTH <u>208</u>	
IDENTIFICATION 210			FRAGMENT OFFSET 212	
	TIME-TO-LIVE PROTOCOL 214 216		HEADER CHECKSUM 218	
SOURCE ADDRESS 220				
DESTINATION ADDRESS 222				
OPTIONS 224				
			· · · · · · · · · · · · · · · · · · ·	

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FIG. 16

AH HEADER FORMAT

NEXT HEADER 228	PAYLOAD LENGTH <u>230</u>	RESERVED 232
SECURITY PARAMETER INDEX ("SPI") 234		
SEQUENCE NUMBER FIELD 236		
AUTHENTICATION DATA 238		

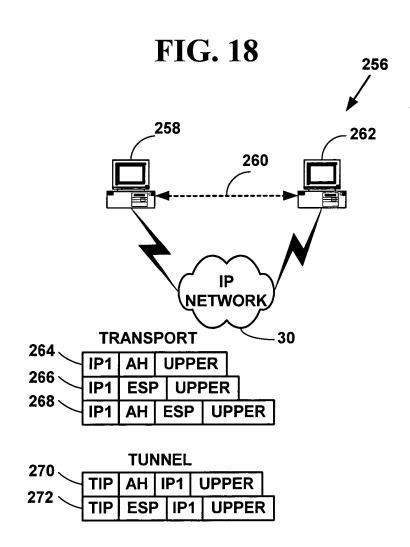
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN	1	

FIG. 17

ESP HEADER FORMAT

SECURITY PARAME 24		l")
	E NUMBER 44	
PAYLOAD DATA (VARIABLE) 246		
PADDING (VARIA	BLE)	
<u>250</u>	PAD LEN <u>252</u>	NEXT HEADER 248
AUTHENTICA 25		

APPROVED	O.G. FIG.	
ВҮ	CLASS	SUBCLASS
DRAFTSMAN		



O.G. FIG.

SUBCLASS

FIG. 20

282

START

RECEIVE A REQUEST MESSAGE WITH A FIRST PROTOCOL ON A SECOND NETWORK DEVICE FOR ONE OR MORE LOCALLY UNIQUE SECURITY VALUES FROM A FIRST NETWORK DEVICE

284

ALLOCATE ONE OR MORE LOCALLY UNIQUE SECURITY VALUES ON THE SECOND NETWORK DEVICE

286

STORE A NETWORK ADDRESS FOR THE FIRST NETWORK
DEVICE FROM THE REQUEST MESSAGE IN A TABLE
ASSOCIATED WITH THE SECOND NETWORK DEVICE,
WHERE THE TABLE IS USED TO MAINTAIN A MAPPING
BETWEEN THE ONE OR MORE LOCALLY UNIQUE SECURITY
VALUES AND THE NETWORK ADDRESS FOR THE FIRST
NETWORK DEVICE FOR DISTRIBUTED NETWORK ADDRESS
TRANSLATION

288

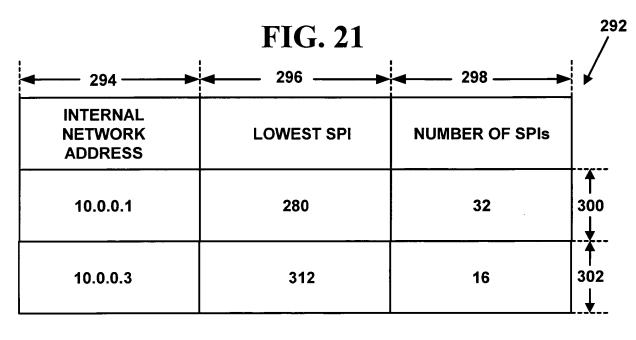
SEND THE ONE OR MORE LOCALLY UNIQUE SECURITY VALUES TO THE FIRST NETWORK DEVICE IN A RESPONSE MESSAGE WITH THE FIRST PROTOCOL

290

END

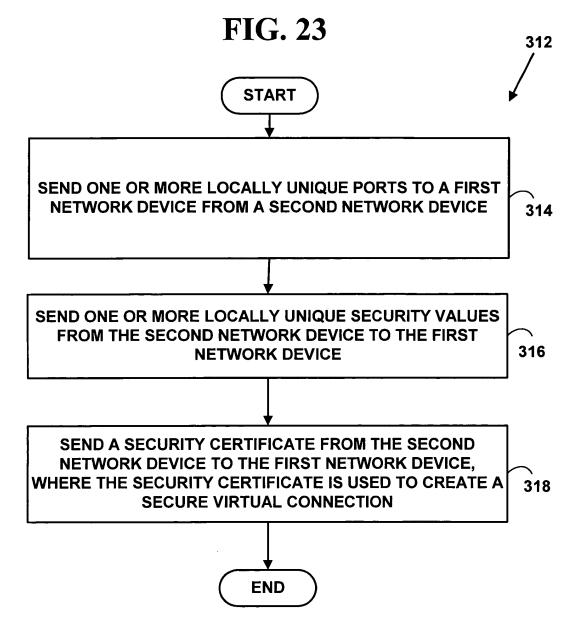
CENTRU MARKE

GEATED ABELANDE



SPI-TO-INTERNAL-NETWORK ADDRESS TABLE

FIG. 22





START

RECEIVE A FIRST MESSAGE IN A SECOND SECURE PROTOCOL ON FIRST NETWORK DEVICE TO ESTABLISH A SECURE VIRTUAL CONNECTION TO THE FIRST NETWORK DEVICE FROM A THIRD NETWORK DEVICE ON A SECOND EXTERNAL NETWORK

322

320

SELECT A LOCALLY UNIQUE SECURITY VALUE FOR THE SECURE CONNECTION FROM A LIST OF LOCALLY UNIQUE SECURITY VALUES STORED ON THE FIRST NETWORK DEVICE

324

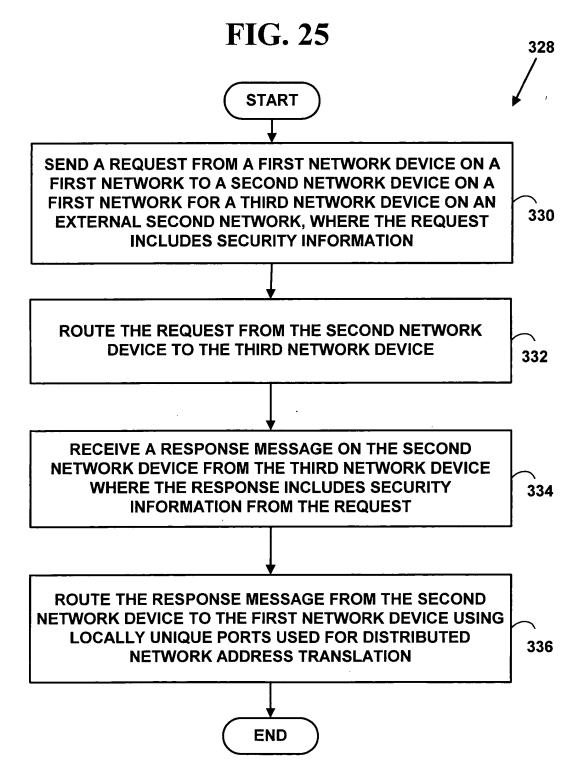
SEND A SECOND MESSAGE IN THE SECOND SECURE PROTOCOL FROM THE FIRST NETWORK DEVICE TO ESTABLISH A SECURE VIRTUAL CONNECTION TO THE FIRST NETWORK DEVICE FROM THE THIRD NETWORK DEVICE, WHERE THE SECOND MESSAGE INCLUDES THE LOCALLY UNIQUE SECURITY VALUE AND A SECURITY CERTIFICATE SENT TO THE FIRST NETWORK DEVICE FROM THE SECOND NETWORK DEVICE

326

END







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